

REPLACEMENT SHEET

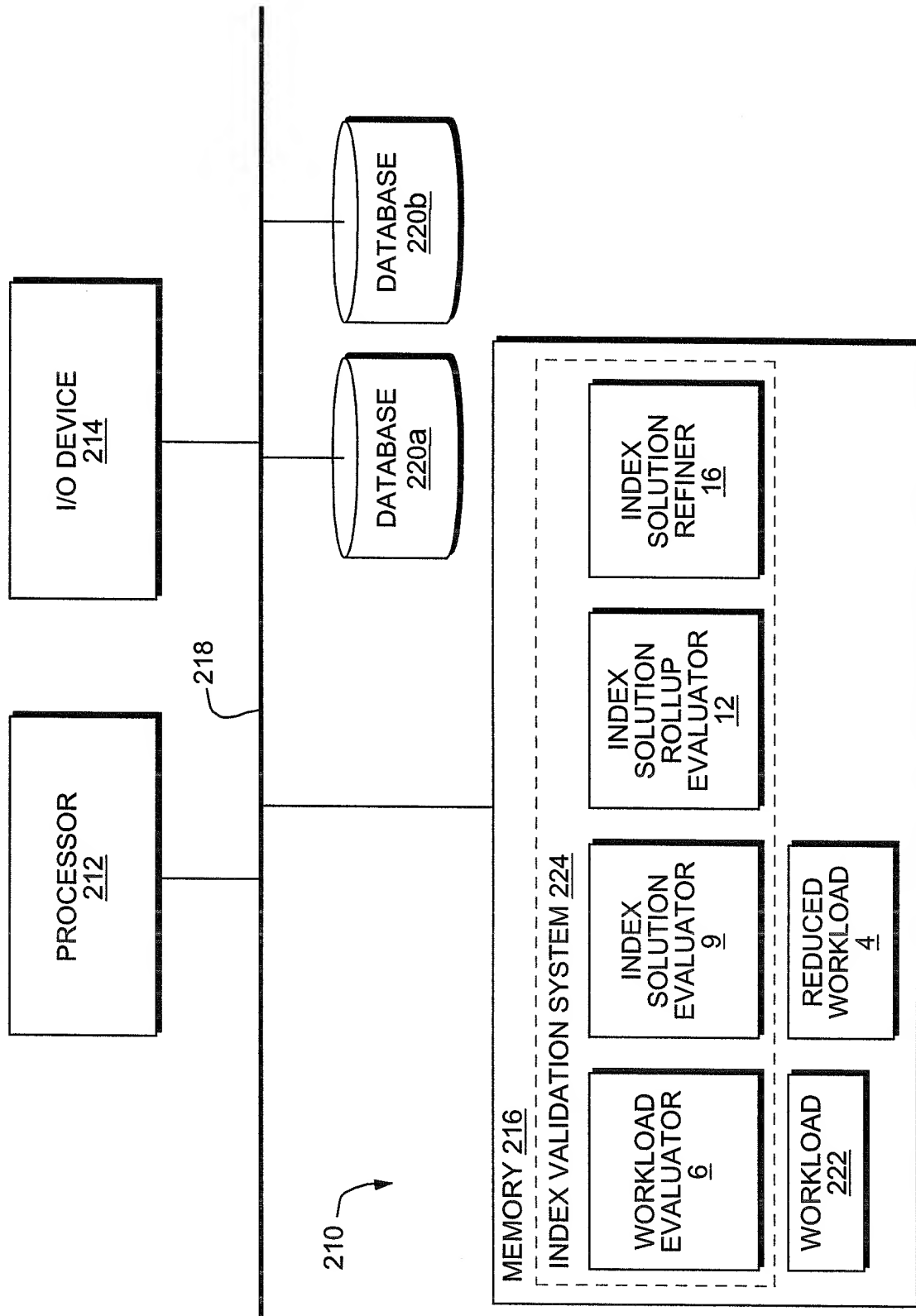


FIG. 1

REPLACEMENT SHEET

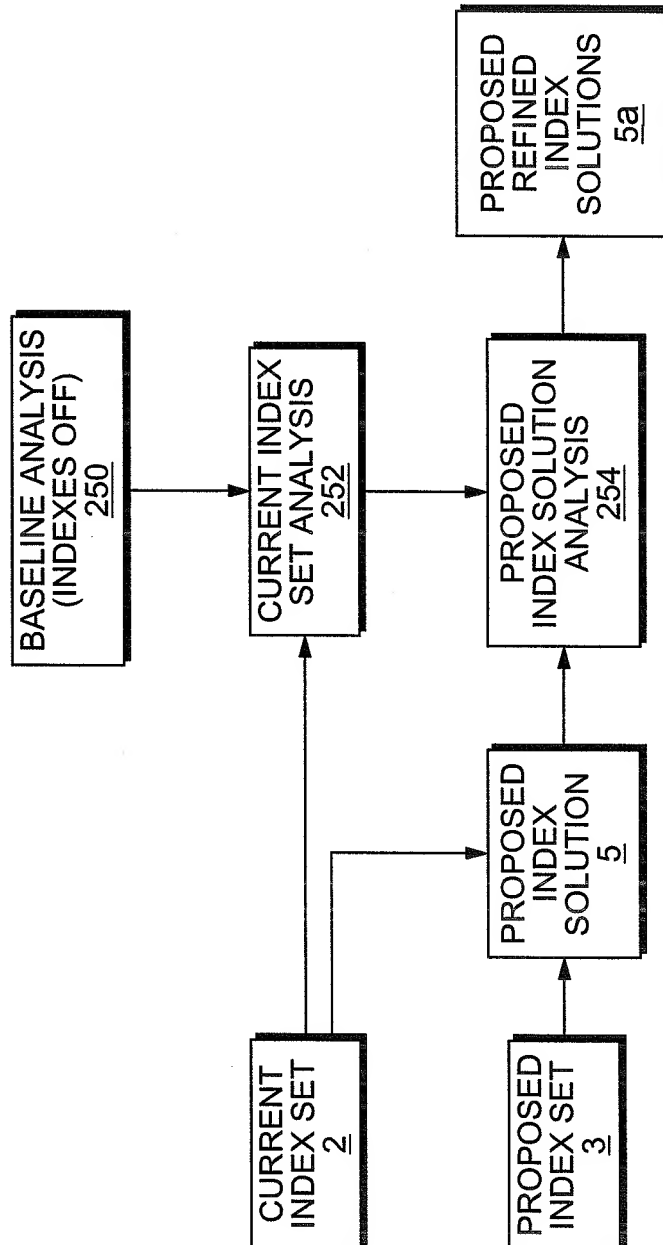


FIG. 2

REPLACEMENT SHEET

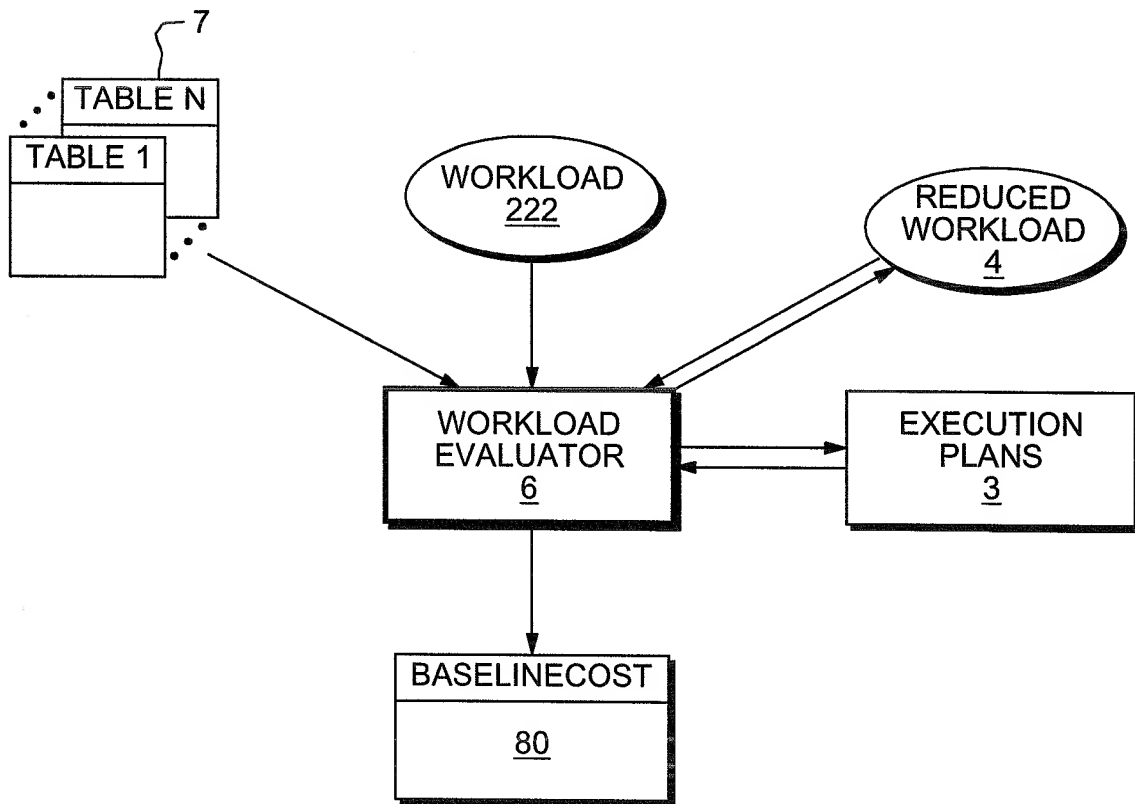


FIG. 3A

REPLACEMENT SHEET

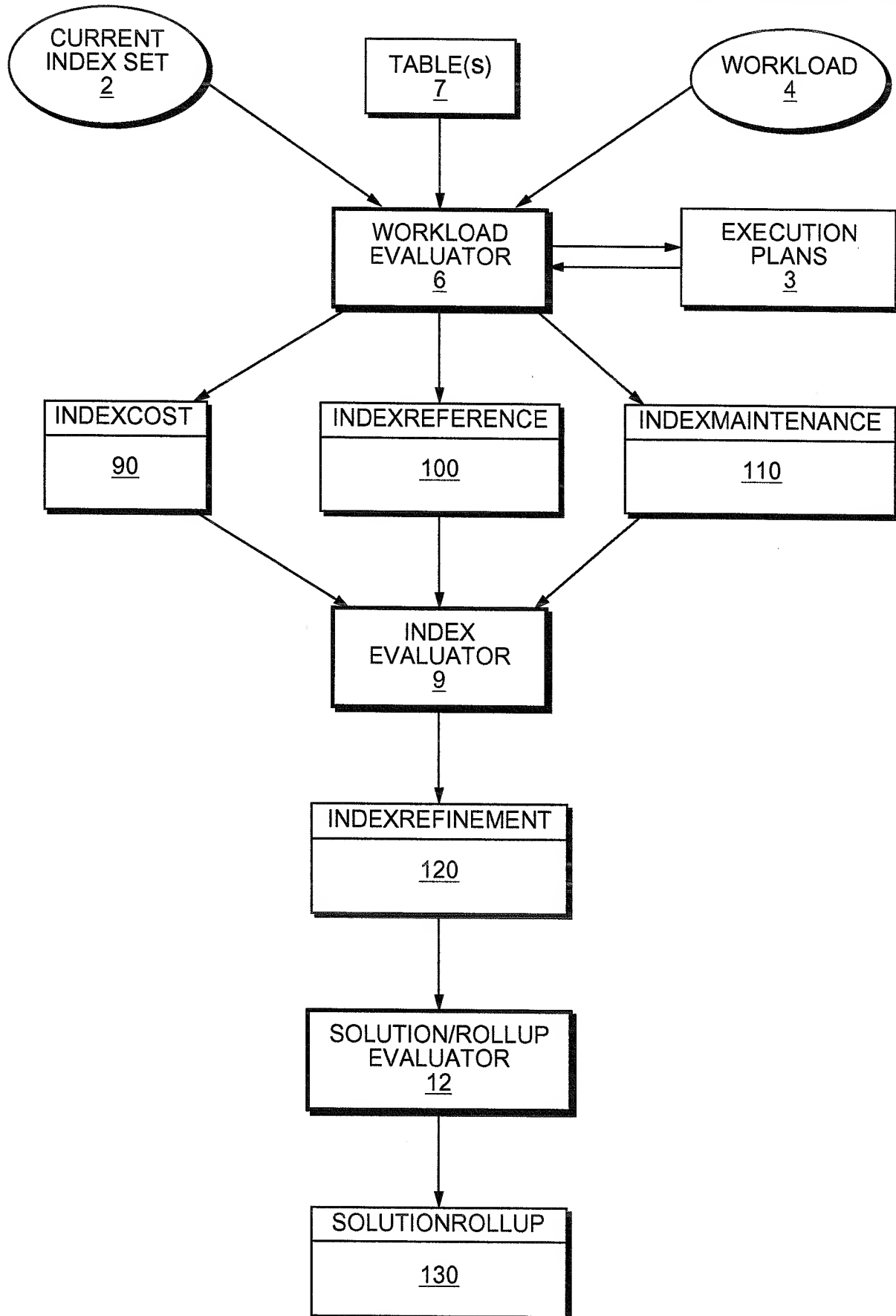


FIG. 3B

REPLACEMENT SHEET

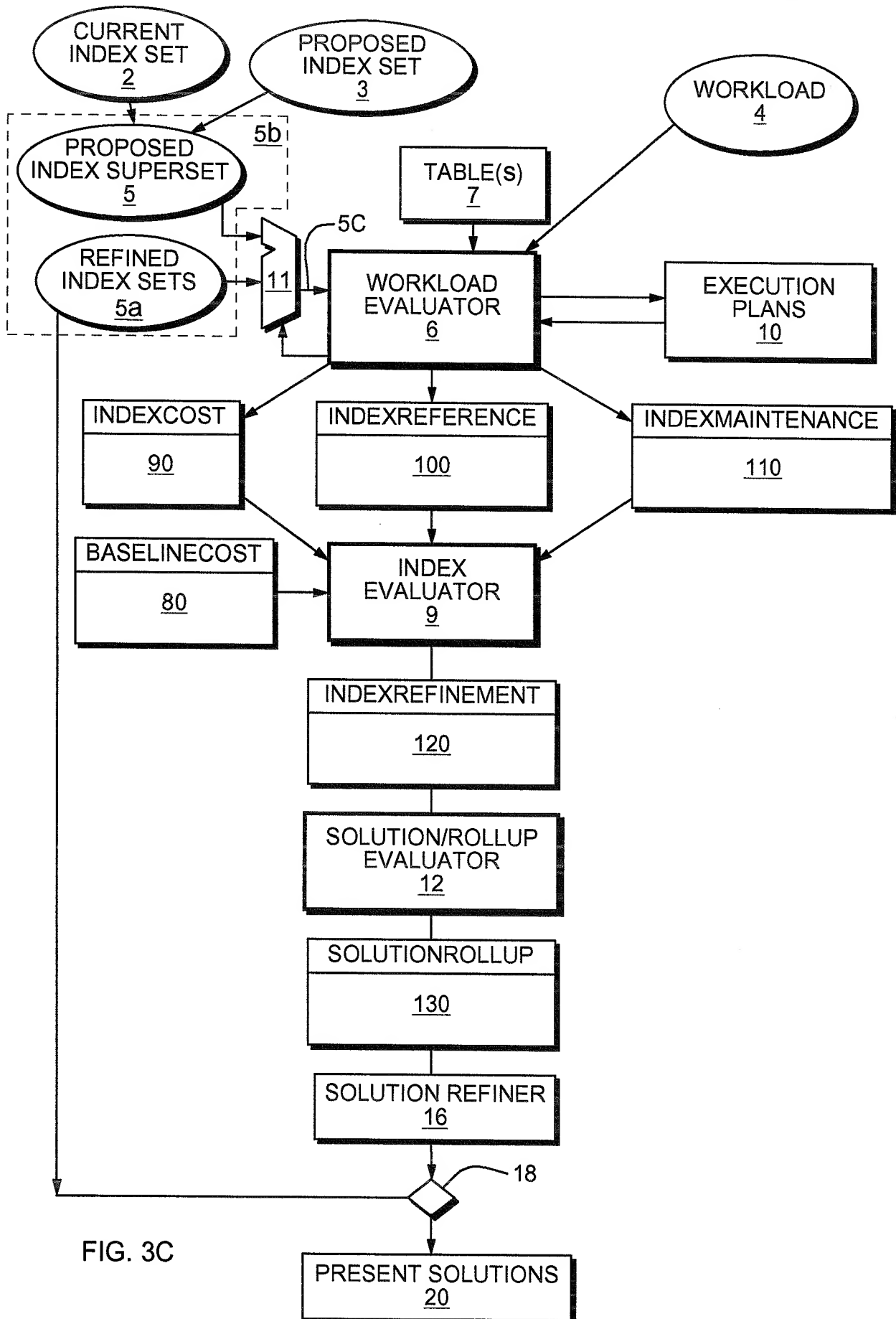


FIG. 3C

REPLACEMENT SHEET

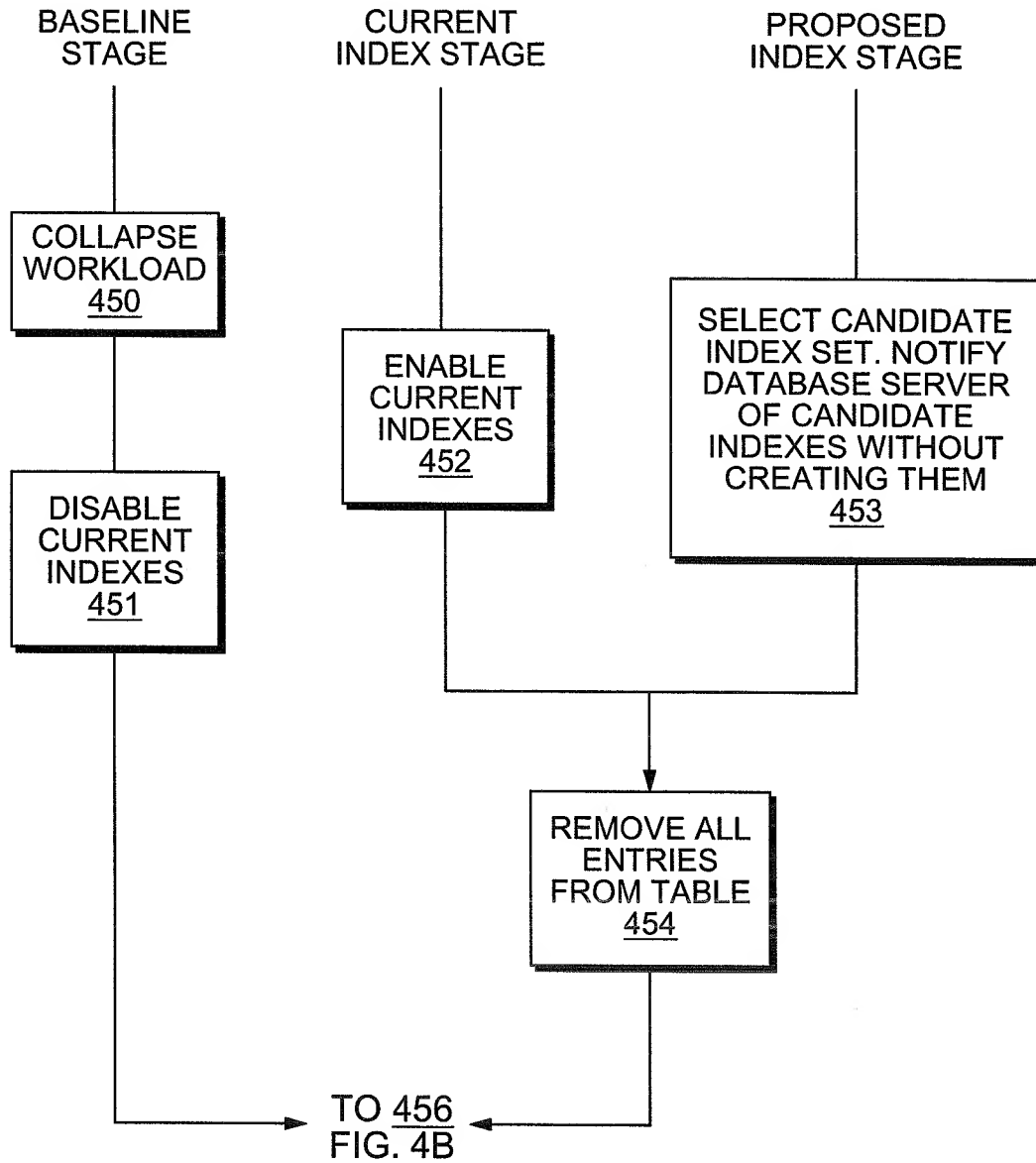
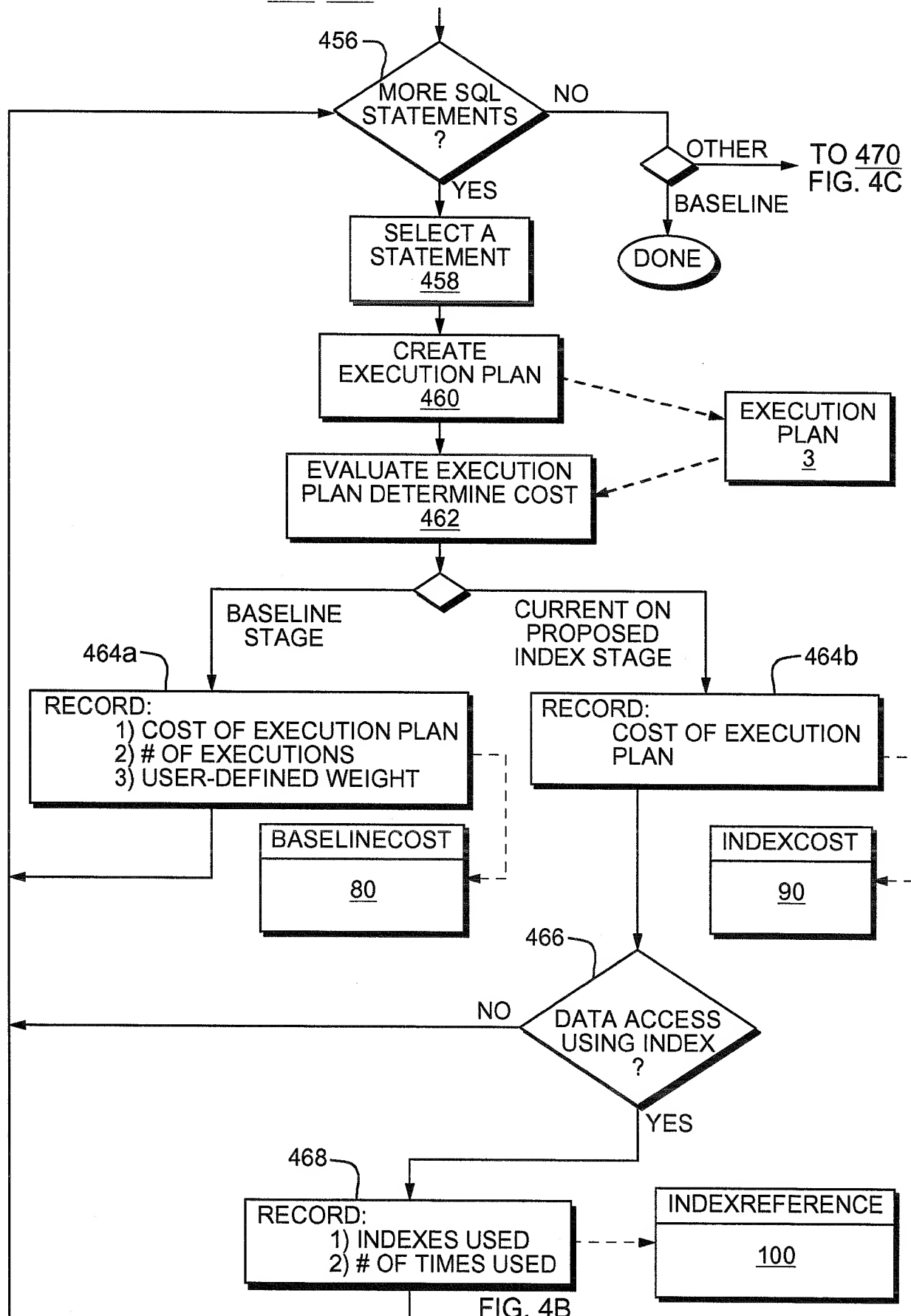


FIG. 4A

REPLACEMENT SHEET

FROM 451, 454 FIG. 4A



REPLACEMENT SHEET

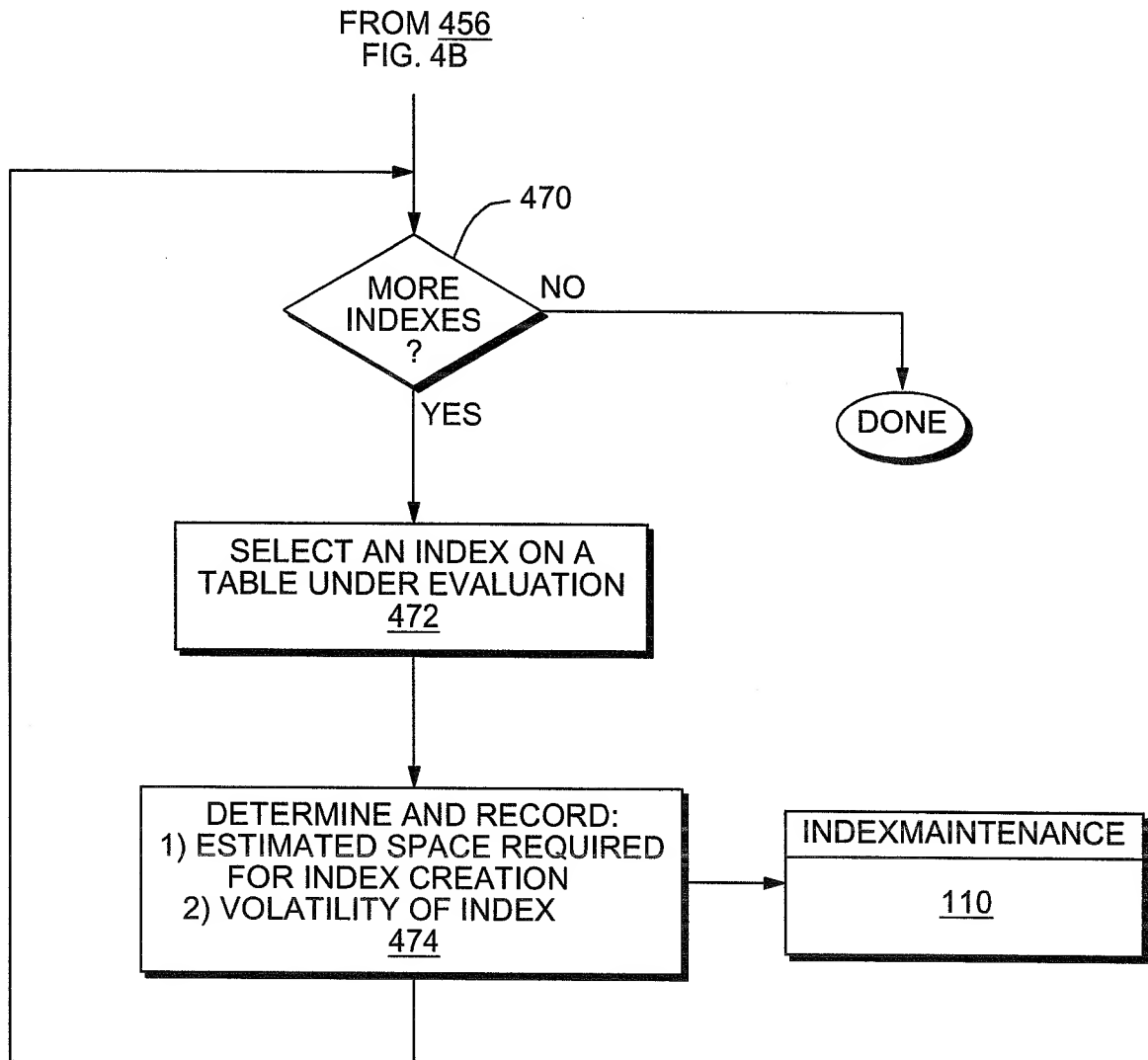


FIG. 4C

REPLACEMENT SHEET

80

BASELINECOST TABLE				
STMTID 82	COST 84	EXECUTIONS 86	WEIGHT 88	USAGECOST 89

FIG. 5

90

INDECOST TABLE		
STMTID 92	COST 94	USAGECOST 96

FIG. 6

100

INDEXREFERENCE TABLE		
STMTID 102	INDEXNAME 104	INDEXREFCOUNT 106

FIG. 7

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INDEXCOST TABLE

INDEXNAME 112	REQUIREDSPACE 114	VOLATILITY 116

110

FIG. 8

INDEXREFINEMENT TABLE

INDEXNAME 122	USAGEVALUE 124

120

FIG. 10

REPLACEMENT SHEET

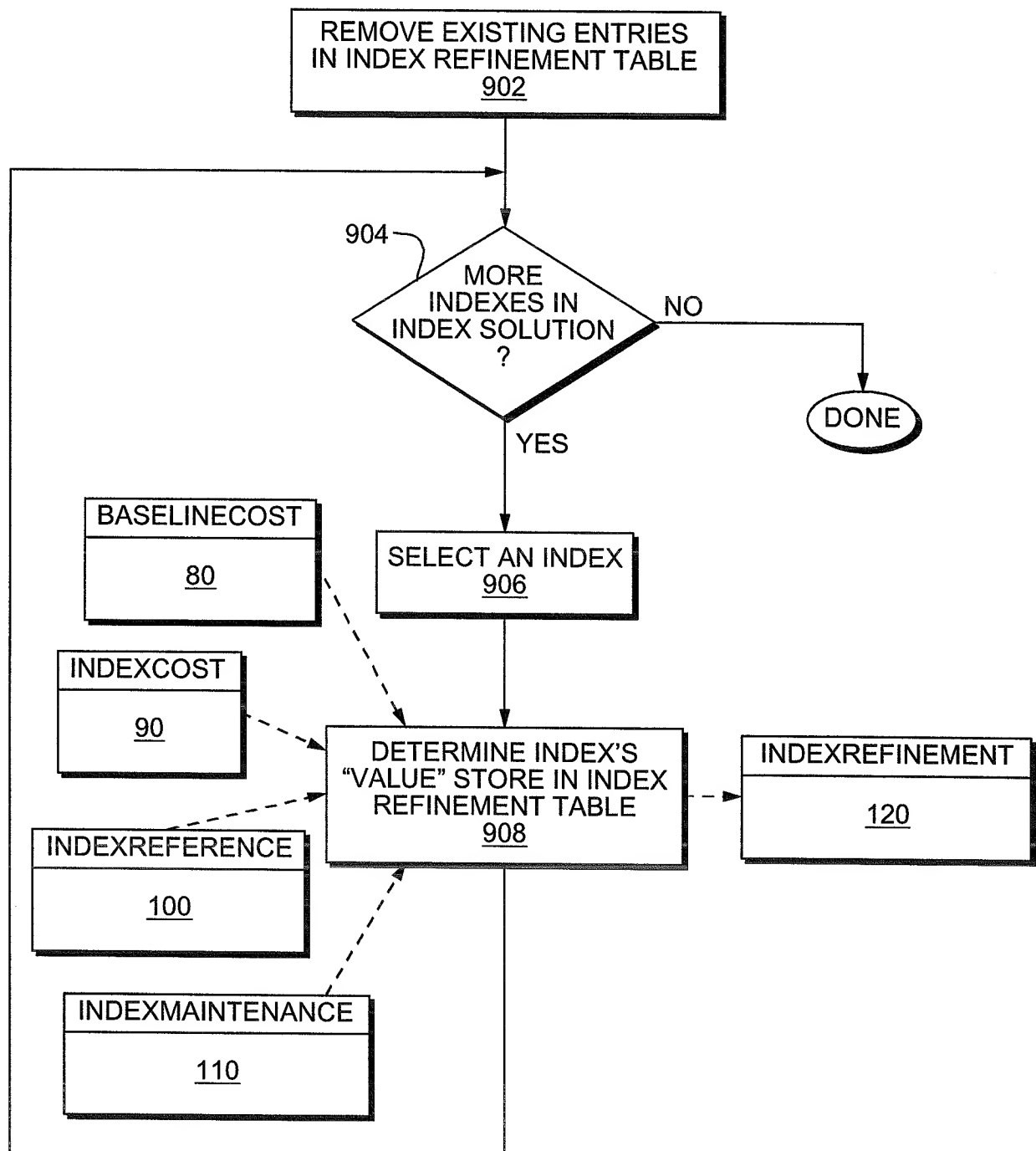
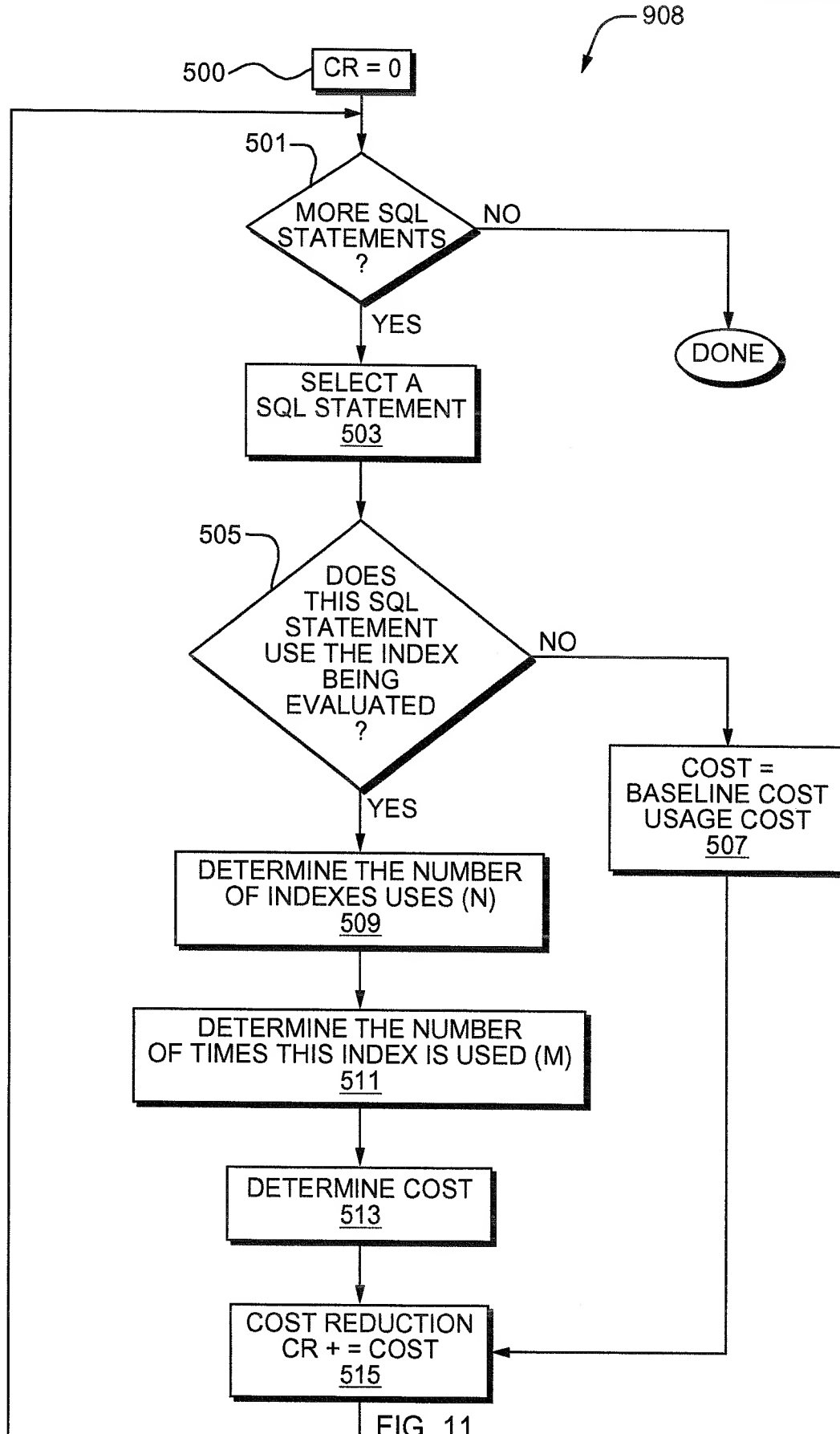


FIG. 9

REPLACEMENT SHEET



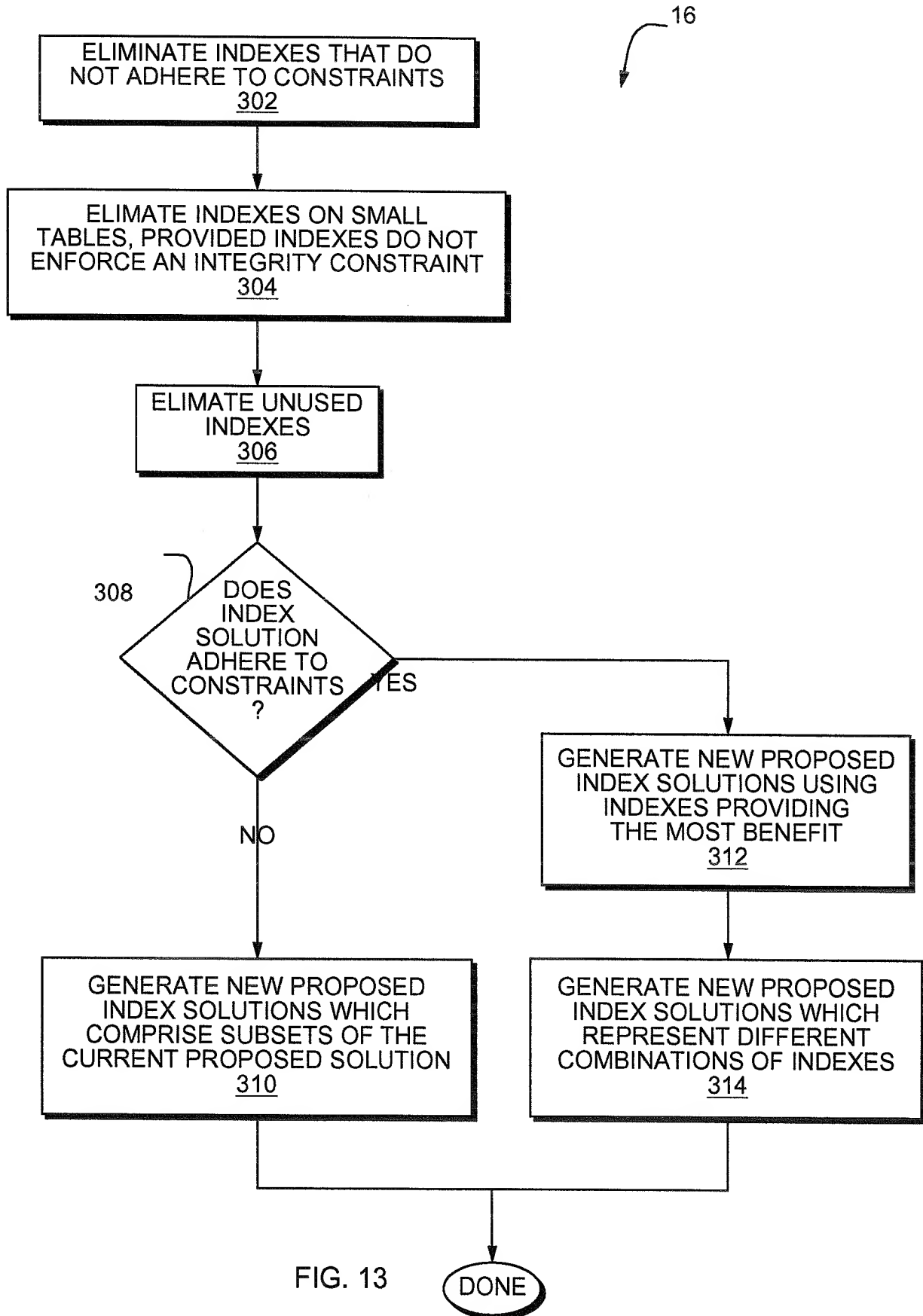
REPLACEMENT SHEET

130

SOLUTIONROLLUP TABLE				
SOLUTIONID 132	COST 134	SPACEREQUIRED 136	VOLATILITY 138	EFFICIENCY 139

FIG. 12

REPLACEMENT SHEET



WORKLOAD 650

651 /*S1*/ select COL_4 from TABLE1 where COL_2 = 1;
652 /*S2*/ select COL_2, COL_1 from TABLE1 where COL_2 in (1,5,10);
653 /*S3*/ select COL_1 from TABLE1 where COL_2 = 1 and COL_3 = 2
union all
select COL_1 from TABLE1 where COL_2 = 3 and COL_3 = 4
union all
select COL_1 from TABLE1 where COL_2 = 5;
654 /*S4*/ select COL_1 from TABLE1 where COL_2 = (select COL_2 from TABLE2
where COL_1 = 10);
655 /*S5*/ insert into TABLE1 values (1, 2, 3, 4, 5);
656 /*S6*/ update TABLE2 set COL_1 = 10 where COL_1 = 20;
657 /*S7*/ select COL_3 from TABLE3 where COL_1 = 1;
658 /*S8*/ update TABLE3 set COL_3 = "Oracle Corp" where COL_1 < 30;

FIG. 15

REPLACEMENT SHEET

WORKLOAD EVALUATION 660

661	S1 (Cost 260) SELECT STATEMENT TABLE ACCESS (FULL) OF TABLE1
662	S2 (Cost 260) SELECT STATEMENT TABLE ACCESS (FULL) OF TABLE1
663	S3 (Cost 780) SELECT STATEMENT UNION-ALL TABLE ACCESS (FULL) OF TABLE1 TABLE ACCESS (FULL) OF TABLE1 TABLE ACCESS (FULL) OF TABLE1
664	S4 (Cost 260) SELECT STATEMENT FILTER TABLE ACCESS (FULL) OF TABLE1 TABLE ACCESS (FULL) OF TABLE2
665	S5 (Cost 260) INSERT STATEMENT INTO TABLE1
666	S6 (Cost 101) UPDATE STATEMENT UPDATE OF TABLE2 TABLE ACCESS (FULL) OF TABLE2
667	S7 (Cost 147) SELECT STATEMENT TABLE ACCESS (FULL) OF TABLE3
668	S8 (Cost 147) UPDATE STATEMENT UPDATE OF TABLE3 TABLE ACCESS (FULL) OF TABLE3

FIG. 16

REPLACEMENT SHEET

BASELINECOST TABLE 80

STMTID 82	COST 84	EXECUTIONS 86	WEIGHT 88	USAGECOST 89
S1	260	50	1.0	13000
S2	260	10	0.5	1300
S3	780	500	0.5	195000
S4	260	100	0.5	13000
S5	260	10	0.25	650
S6	101	40	0.25	1010
S7	147	500	1.0	73500
S8	147	50	1.0	7350

FIG. 17

REPLACEMENT SHEET

WORKLOAD EVALUATION 660a

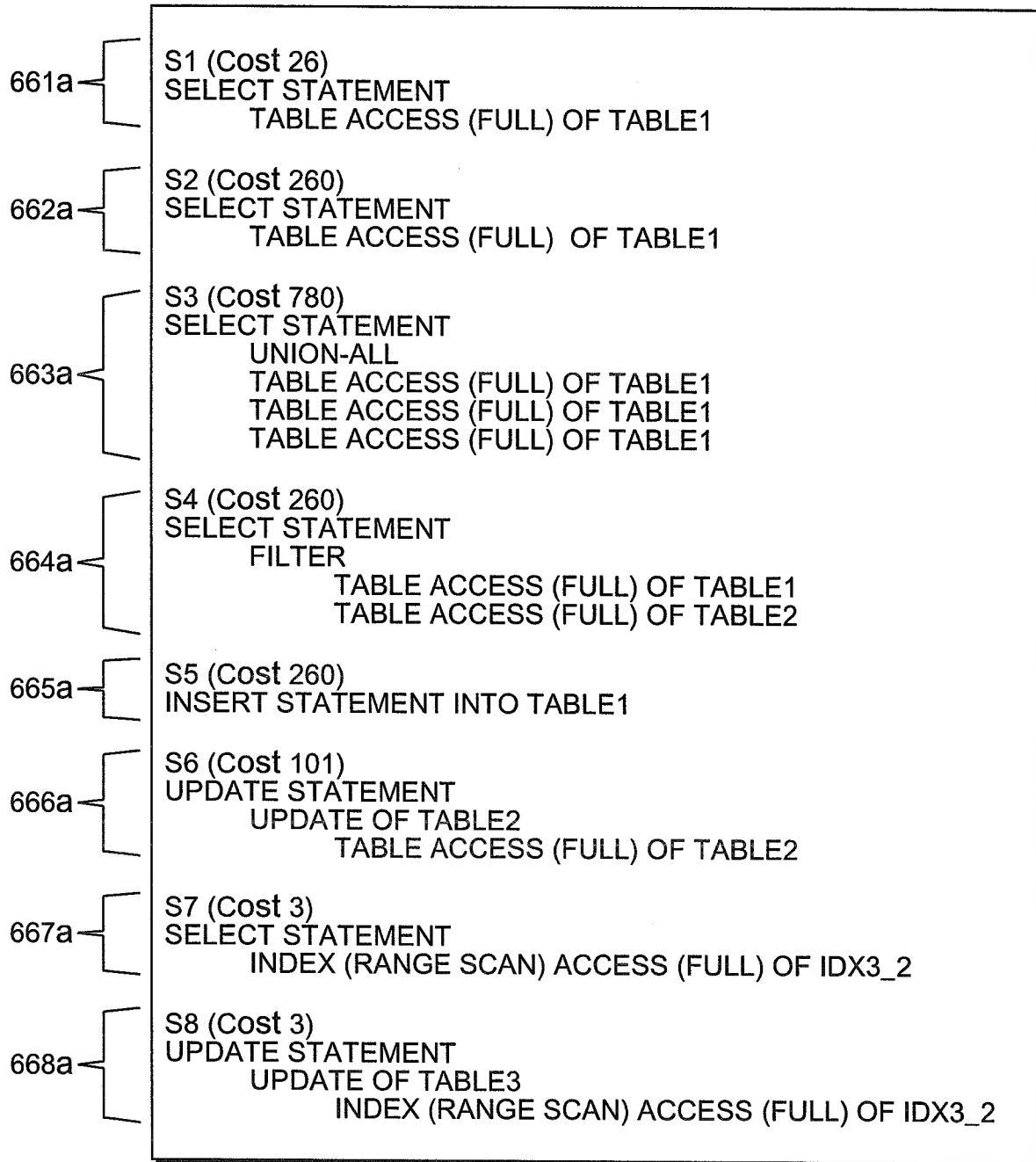


FIG. 18

REPLACEMENT SHEET

WORKLOAD EVALUATION 660b

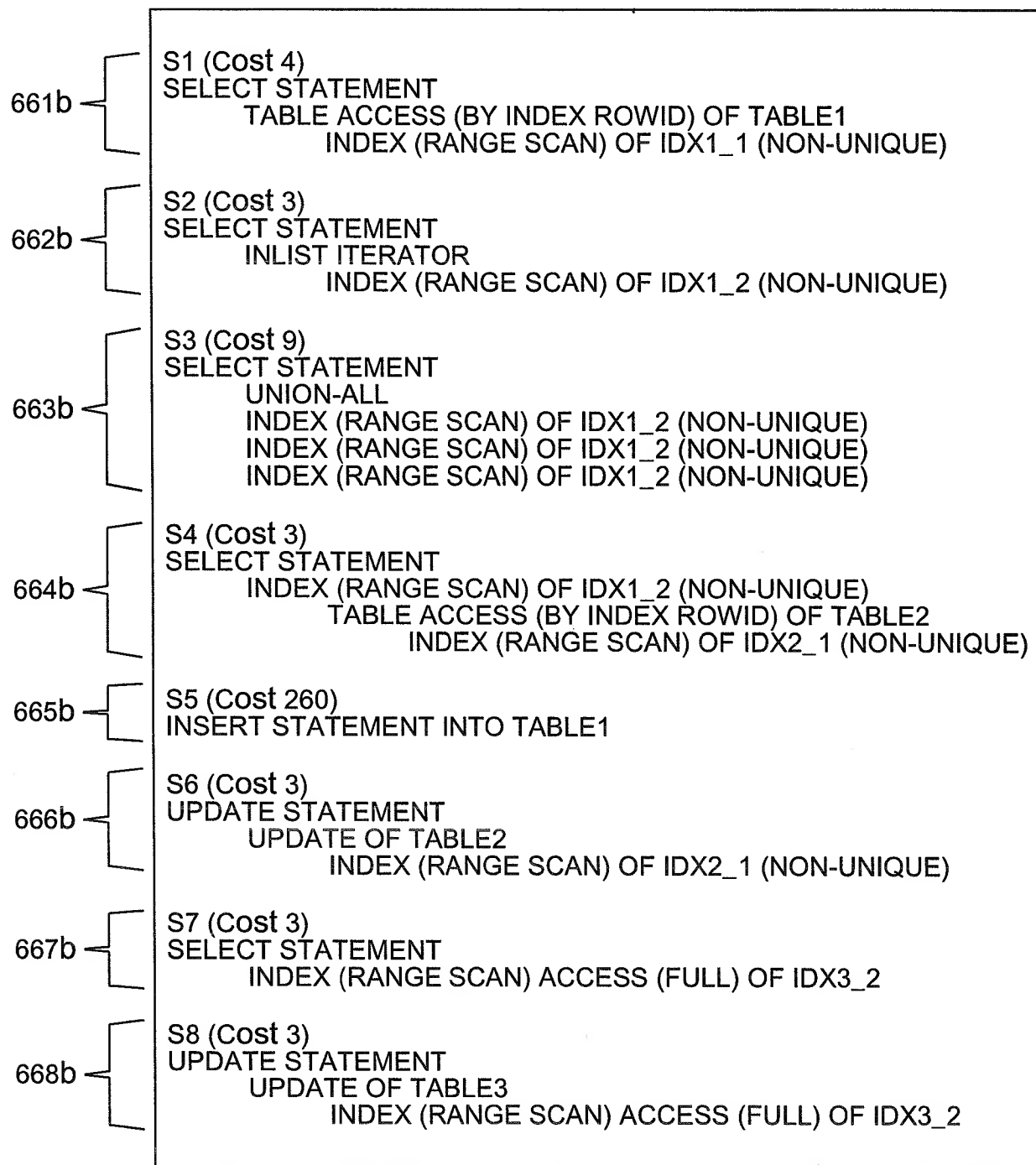


FIG. 24